

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 (Currently amended): An isolating type self-oscillating flyback converter, including comprising a coupled transformer, a FET, an oscillating transistor and an optical-electro coupled isolating feedback unit, wherein the input terminal of the circuit converter is connected to the source of the FET through a primary winding of the coupled transformer, the input terminal of the circuit converter is connected to the collector of the transistor through a first resistor and another a second resistor, the source of the FET is connected to the collector of the transistor, one branch of the drain of the FET is connected to the ground through a third resistor and the other another branch is connected to the base of the transistor through the a parallel connection unit of a resistor and a capacitor, and the base of the transistor is connected to the output terminal of a secondary output winding of the coupled transformer through the electro-optical coupled isolating feedback unit; the series connection joint between the said first resistor and the said second resistor is connected to the ground through a speedup capacitor and a secondary winding of the coupled transformer; wherein a loop for implementing the a soft start of the circuit converter is connected between the said input terminal of the circuit converter and the series connection joint.

Claim 2 (Currently amended): An isolating type self-oscillating flyback converter according to claim 1, wherein said soft start loop comprises the said first resistor, a fourth resistor and a capacitor, said fourth resistor is connected between the said first resistor and the series connection joint in series, and one terminal of the capacitor is connected between the said first resistor and the said fourth resistor, while another terminal is connected to the ground.

Claim 3 (Currently amended): An isolating type self-oscillating flyback converter according to claim 1, wherein said soft start loop comprises the said first resistor and a an inductance, and said first resistor and said inductance are connected between input terminal of the circuit converter and said the series connection joint in series.

Claim 4 (New): An isolating type self-oscillating flyback converter, comprising an input terminal, a coupled transformer having a output terminal of a secondary output winding, a FET having source terminal, an oscillating transistor having a collector terminal, and a soft start loop between said input terminal and a connection joint, where said connection joint is in electrical connection with said output terminal, said source terminal and said collector terminal.

Claim 5 (New): The isolating type self-oscillating flyback converter of claim 4, wherein said soft start loop comprises a first resistor, a second resistor and a capacitor having a first terminal and a second terminal, with said first terminal of said capacitor being connected between said first resistor and said second resistor and said second terminal of said capacitor being connected to the ground.

Claim 6 (New): The isolating type self-oscillating flyback converter of claim 4, wherein said soft start loop comprises a resistor and an inductance, said resistor being connected to said inductance in series.